
NLSY79 CODEBOOK SUPPLEMENT

MAIN FILE

1979-1998

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NLSY79 APPENDIX 8:
HIGHEST GRADE COMPLETED &
ENROLLMENT STATUS VARIABLE
CREATION: 1990-1998

The series of programming statements contained in this appendix were used in the standard computations for the created Highest Grade Completed (HGC) and Enrollment Status as of May 1st Survey Year variables from 1990-1998.

In addition to the standard created variables, revised versions of the HGC and Enrollment Status variables for all survey years (1979-1998) have been added to the NLSY79 main data file. The general sources of error in the standard created variables were:

- ◆ grade “reversals”, in which a respondent completed a lower grade in a later year, rather than staying in the same grade or advancing: The programs included below did not account for these cases, the largest source of which have been respondents enrolled in college;
- ◆ respondents with incomplete or ambiguous school information, preventing the computation in a given year of a HGC or Enrollment Status variable (a problem which can then continue through subsequent years, even if the respondent reported attending school in later survey years).

Decision rules for adjustments reflected in the revised variables include:

- ◆ Cases with grade reversals were coded as the highest grade completed previously reported by the respondent;
- ◆ A minimum HGC code of 12 was assigned to cases in which no high school diploma or GED had been received, but some college attendance was reported;
- ◆ An HGC code of 16 was assigned to cases in which a four-year degree had obviously been earned in 5 or more years;
- ◆ Cases in which the highest grade completed was reported as “ungraded” were assigned the previous highest grade completed reported by the respondent;
- ◆ HGC values were evaluated in comparison to the May 1st of survey year date and corrected if necessary;
- ◆ Cases in which the longitudinal record is highly erratic and HGC could not be computed or revised reliably were assigned a code of “-3” (invalid missing).

HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF MAY 1, 1990

```

/* THE FOLLOWING SPSS CODE IS APPLIED TO THE DATA BEFORE THE PLI PROGRAM      */
/* IS EXECUTED. THE PURPOSE OF THE CODE IS TO APPROPRIATELY RECODE SELECTED      */
/* SELECTED 1979 AND 1980 VARIABLES.                                         */
/*
/* DO IF (R2283 EQ 0 OR R2282 EQ 0)                                         */
/* COMPUTE DLEMO79=R2287                                                 */
/* COMPUTE DLEYR79=R2288                                                 */
/* ELSE                                         */
/* COMPUTE DLEMO79=R169                                                 */
/* COMPUTE DLEYR79=R170                                                 */
/* END IF                                         */
/* DO IF (R4052 GT 0 AND R2283 NE 0 AND R2282 NE 0)                         */
/* COMPUTE DLEMO80=R2287                                                 */
/* COMPUTE DLEYR80=R2288                                                 */
/* END IF                                         */
/* DO IF (R2275 EQ 0 OR R2276 EQ 0)                                         */
/* COMPUTE GRADE79=R2277                                                 */
/* ELSE                                         */
/* COMPUTE GRADE79=R2286                                                 */
/* END IF                                         */
/* DO IF (R2280 GE 0)                                         */
/* COMPUTE HGCS79=R2280                                                 */
/* ELSE                                         */
/* COMPUTE HGCS79=R173                                                 */
/* END IF                                         */
/* IF (R2276 EQ 0 AND R2286 GT 0) R156=1                                     */
/*********************************************************/
*****/

```

DCL 1 INREC7989,

```

2 CURAT(79:89) PIC '-----9',
/* R( 156.) R( 2285.) R( 4168.) R( 6639.) R( 9053.) R(12052.) */
/* R(16045.) R(19050.) R(23059.) R(25084.) R(29075.) */

2 DIP(79:89) PIC '-----9',
/* R( 183.) R( 2300.) R( 4182.) R( 6653.) R( 9067.) R(12066.) */
/* R(16059.) R(19061.) R(23070.) R(25095.) R(29086.) */

2 DLEMO(79:89) PIC '-----9',
/* DLEMO79 DLEMO80 R( 4170.) R( 6641.) R( 9055.) R(12054.) */
/* R(16047.) R(19052.) R(23061.) R(25086.) R(29077.) */

2 DLEYR(79:89) PIC '-----9',
/* DLEYR79 DLEYR80 R( 4171.) R( 6642.) R( 90546) R(12055.) */
/* R(16048.) R(19053.) R(23062.) R(25087.) R(29078.) */

2 GRADE(79:89) PIC '-----9',
/* GRADE79 R( 2286.) R( 4169.) R( 6640.) R( 9054.) R(12053.) */
/* R(16046.) R(19051.) R(23060.) R(25085.) R(29076.) */

2 HGA(79:89) PIC '-----9',
/* R( 172.) R( 2291.) R( 4173.) R( 6644.) R( 9058.) R(12057.) */
/* R(16050.) R(19055.) R(23064.) R(25089.) R(29080.) */

```

```
2 HGC(79:89) PIC '-----9',
/* R( 2167.) R( 4064.) R( 6189.) R( 8982.) R(11450.) R(15202.) */
/* R(18909.) R(22580.) R(24454.) R(28711.) R(30748.) */
```

```
2 HGCS(79:89) PIC '-----9',
/* HGCS79 R( 2292.) R( 4174.) R( 6645.) R( 9059.) R(12058.) */
/* R(16051.) R(19056.) R(23065.) R(25090.) R(29081.) */
```

```
2 INTMO(79:89) PIC '-----9',
/* R( 1725.) R( 3292.) R( 5307.) R( 8099.) R(10457.) R(14275.) */
/* R(17946.) R(21562.) R(23657.) R(27425.) R(29861.) */
```

```
2 WEIGHT(79:89) PIC '9999999';
/* R( 2161.) R( 4052.) R( 6146.) R( 8967.) R(11444.) R(15196.) */
/* R(18902.) R(22573.) R(24445.) R(28700.) R(30738.) */
```

DCL 1 INREC90,

```
2 WEIGHT_90 PIC '9999999',      /* R(34002.) */
2 SCHOOL_90,
5 ASLI_90 PIC '-----9',        /* R(31070.) */
5 CURAT_90 PIC '-----9',       /* R(31096.) */
5 DIP_90 PIC '-----9',         /* R(31107.) */
5 DLEMO_90 PIC '-----9',       /* R(31098.) */
5 DLEYR_90 PIC '-----9',       /* R(31099.) */
5 GRADE_90 PIC '-----9',       /* R(31097.) */
5 HGA_90 PIC '-----9',         /* R(31101.) */
5 HGCS_90 PIC '-----9',         /* R(31102.) */
5 INTMO_90 PIC '-----9',       /* R(33025.) */
5 HAVEDIP_90 PIC '-----9',     /* R(31106.) */
5 ATTCOL_90 PIC '-----9';      /* COMPUTE ATTCOL_91=0          */
/* IF R(31103.)>3 THEN ATTCOL_91=1 */
5 GRA_90 PIC '-----9',         /* COMPUTE GRA_91=-3           */
/* IF R(31096.)=1               */
/* THEN GRA_91=R(31097.)         */
/* ELSE IF R(31096.)=0           */
/* THEN GRA_91=R(31101.)         */
/* ELSE IF R(31070.)=0           */
/* THEN GRA_91=-4               */
```

/* CREATION OF HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF 5-1-90 */

```
HGC_90=-4;
ENROLL_90=-4;
DO I=80 TO 89;
  IF WEIGHT(I)=0 THEN DO;
    HGCS(I)=-5;
    GRADE(I)=-5;
  END;
END;
IF WEIGHT_90=0 THEN DO;
  HGCS_90=-5;
  GRADE_90=-5;
  ENROLL_90=-5;
  HGC_90=-5;
END;
```

```

IF WEIGHT_90>0 THEN DO;
  IF ASLI_90=0 & (HAVEDIP_90=-4 ! HAVEDIP_90=0) THEN DO;
    IF WEIGHT(89)>0 THEN DO;
      IF INTMO(89)>=5 & (CURAT(89)=1 ! (DLEMO(89)>=5 & DLEYR(89)=89)) &
        HGCS(89)>HGC(89) THEN HGC_90=HGCS(89);
      ELSE HGC_90=HGC(89);
    END;
  ELSE IF WEIGHT(88)>0 THEN DO;
    IF INTMO(88)>=5 & (CURAT(88)=1 ! (DLEMO(88)>=5 & DLEYR(88)=88)) &
      HGCS(88)>HGC(88) THEN HGC_90=HGCS(88);
    ELSE HGC_90=HGC(88);
  END;
  ELSE IF WEIGHT(87)>0 THEN DO;
    IF INTMO(87)>=5 & (CURAT(87)=1 ! (DLEMO(87)>=5 & DLEYR(87)=87)) &
      HGCS(87)>HGC(87) THEN HGC_90=HGCS(87);
    ELSE HGC_90=HGC(87);
  END;
  ELSE IF WEIGHT(86)>0 THEN DO;
    IF INTMO(86)>=5 & (CURAT(86)=1 ! (DLEMO(86)>=5 & DLEYR(86)=86)) &
      HGCS(86)>HGC(86) THEN HGC_90=HGCS(86);
    ELSE HGC_90=HGC(86);
  END;
  ELSE IF WEIGHT(85)>0 THEN DO;
    IF INTMO(85)>=5 & (CURAT(85)=1 ! (DLEMO(85)>=5 & DLEYR(85)=85)) &
      HGCS(85)>HGC(85) THEN HGC_90=HGCS(85);
    ELSE HGC_90=HGC(85);
  END;
  ELSE IF WEIGHT(84)>0 THEN DO;
    IF INTMO(84)>=5 & (CURAT(84)=1 ! (DLEMO(84)>=5 & DLEYR(84)=84)) &
      HGCS(84)>HGC(84) THEN HGC_90=HGCS(84);
    ELSE HGC_90=HGC(84);
  END;
  ELSE IF WEIGHT(83)>0 THEN DO;
    IF INTMO(83)>=5 & (CURAT(83)=1 ! (DLEMO(83)>=5 & DLEYR(83)=83)) &
      HGCS(83)>HGC(83) THEN HGC_90=HGCS(83);
    ELSE HGC_90=HGC(83);
  END;
  ELSE IF WEIGHT(82)>0 THEN DO;
    IF INTMO(82)>=5 & (CURAT(82)=1 ! (DLEMO(82)>=5 & DLEYR(82)=82)) &
      HGCS(82)>HGC(82) THEN HGC_90=HGCS(82);
    ELSE HGC_90=HGC(82);
  END;
  ELSE IF WEIGHT(81)>0 THEN DO;
    IF INTMO(81)>=5 & (CURAT(81)=1 ! (DLEMO(81)>=5 & DLEYR(81)=81)) &
      HGCS(81)>HGC(81) THEN HGC_90=HGCS(81);
    ELSE HGC_90=HGC(81);
  END;
  ELSE IF WEIGHT(80)>0 THEN DO;
    IF INTMO(80)>=5 & (CURAT(80)=1 ! (DLEMO(80)>=5 & DLEYR(80)=80)) &
      HGCS(80)>HGC(80) THEN HGC_90=HGCS(80);
    ELSE HGC_90=HGC(80);
  END;
  ELSE DO;
    IF INTMO(79)>=5 & (CURAT(79)=1 ! (DLEMO(79)>=5 & DLEYR(79)=79)) &
      HGCS(79)>HGC(79) THEN HGC_90=HGCS(79);
  END;

```

```

        ELSE HGC_90=HGC(79);
    END;
    IF HGC_90>=12 THEN ENROLL_90=4;
    ELSE IF HGC_90>=0 THEN ENROLL_90=1;
END;
ELSE IF ASLI_90=1 THEN DO;
    IF HGCS_90<=0 THEN DO;
        IF CURAT_90=1 & GRADE_90>=1 THEN DO;
            HGC_90=GRADE_90-1;
            IF HGC_90>=12 THEN ENROLL_90=3;
            ELSE ENROLL_90=2;
        END;
        ELSE IF CURAT_90=0 & HGA_90>=1 THEN DO;
            IF DLEYR_90<90 ! DLEMO_90<5 THEN DO;
                HGC_90=HGA_90;
                IF HGC_90>=12 THEN ENROLL_90=4;
                ELSE ENROLL_90=1;
            END;
            ELSE DO;
                HGC_90=HGA_90-1;
                IF HGC_90>=12 THEN ENROLL_90=4;
                ELSE ENROLL_90=1;
            END;
        END;
    END;
    ELSE DO;
        IF HGCS_90=HGA_90 ! HGCS_90=GRADE_90 THEN DO;
            IF (DLEYR_90=90 & DLEMO_90>=5) ! (INTMO_90>=5 &
                CURAT_90=1) THEN DO;
                HGC_90=HGCS_90-1;
                IF HGC_90>=12 THEN ENROLL_90=3;
                ELSE ENROLL_90=2;
            END;
            ELSE HGC_90=HGCS_90;
        END;
        IF HGCS_90=HGA_90-1 ! HGCS_90=GRADE_90-1 THEN
            HGC_90=HGCS_90;
        ELSE IF (HGCS_90<HGA_90 & HGA_90>0 & HGA_90<20) !
            (HGCS_90<GRADE_90 & GRADE_90>0 & GRADE_90<20) THEN
            HGC_90=HGCS_90;
        IF ENROLL_90=-4 & CURAT_90=1 & HGC_90>=0 THEN DO;
            IF HGC_90>=12 THEN ENROLL_90=3;
            ELSE ENROLL_90=2;
        END;
        IF ENROLL_90=-4 & CURAT_90=0 & HGC_90>=0 THEN DO;
            IF HGC_90>=12 THEN ENROLL_90=4;
            ELSE ENROLL_90=1;
        END;
    END;
    ELSE DO;
        IF ((HGC_90=10 ! HGC_90=11) & (HAVEDIP_90=1 ! ATTCOL_90=1)) !
            (DIP_90=2 & HGC_90<12) ! (HGC_90=-4 & (DIP_90=1 ! DIP_90=3))
            THEN DO;
            HGC_90=12;
            IF ENROLL_90>0 THEN ENROLL_90=5-ENROLL_90;
        ELSE IF CURAT_90=1 ! (DLEYR_90=90 & DLEMO_90>=5) THEN ENROLL_90=3;
    END;

```

```
ELSE ENROLL_90=4;
END;
ELSE IF HGC_90<0 & DIP_90=-3 THEN DO;
  HGC_90=-3;
  ENROLL_90=-3;
END;
IF HGC_90>20 THEN DO;
  HGC_90=-3;
  ENROLL_90=-3;
END;
IF HGC_90>HGC(89)+3 & HGC(89)>0 & DIP_90^=2 & DIP_90^=3 THEN DO;
  HGC_90=-3;
  ENROLL_90=-3;
END;
IF HGC_90>0 & HGC_90<HGC(89)-1 ! (HGC(89)=12 & HGC_90=11) THEN DO;
  HGC_90=-3;
  ENROLL_90=-3;
END;
IF (DIP(79)>1 ! DIP(80)>1 ! DIP(81)>1 ! DIP(82)>1 ! DIP(83)>1 !
  DIP(84)>1 ! DIP(85)>1 ! DIP(86)>1 ! DIP(87)>1 ! DIP(88)>1 !
  DIP(89)>1) & HGC_90<12 THEN DO;
  HGC_90=12;
  IF ENROLL_90=1 ! ENROLL_90<0 THEN ENROLL_90=4;
END;
IF HGC_90=-3 & ENROLL_90=-4 THEN ENROLL_90=-3;
ELSE IF HGC_90=-4 & ENROLL_90=-4 THEN DO;
  HGC_90=-3;
  ENROLL_90=-3;
END;
END;
```

HGC_90=R(34015.)
ENROLL_90=R(34016.)

```
/* EACH INSTANCE OF -3 FOR HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS */
/* IS REVIEWED BY CHECKING SELECTED SCHOOL VARIABLES. VALUES OF -3 ARE */
/* RECODED TO VALID VALUES WHERE AUXILLIARY INFORMATION INDICATES. */
/* HOWEVER, THERE ARE A NUMBER OF -3'S COMPUTED FOR HIGHEST GRADE */
/* COMPLETED AND ENROLLMENT STATUS THAT REMAIN. */
```

HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF MAY 1, 1991

```

/* THE FOLLOWING SPSS CODE IS APPLIED TO THE DATA BEFORE THE PLI PROGRAM      */
/* IS EXECUTED. THE PURPOSE OF THE CODE IS TO APPROPRIATELY RECODE SELECTED      */
/* 1979 AND 1980 VARIABLES.                                                 */
/*                                                               */
/* DO IF (R2283 EQ 0 OR R2282 EQ 0)                                         */
/* COMPUTE DLEMO79=R2287                                              */
/* COMPUTE DLEYR79=R2288                                              */
/* ELSE                                                 */
/* COMPUTE DLEMO79=R169                                              */
/* COMPUTE DLEYR79=R170                                              */
/* END IF                                                 */
/* DO IF (R4052 GT 0 AND R2283 NE 0 AND R2282 NE 0)                         */
/* COMPUTE DLEMO80=R2287                                              */
/* COMPUTE DLEYR80=R2288                                              */
/* END IF                                                 */
/* DO IF (R2275 EQ 0 OR R2276 EQ 0)                                         */
/* COMPUTE GRADE79=R2277                                              */
/* ELSE                                                 */
/* COMPUTE GRADE79=R2286                                              */
/* END IF                                                 */
/* DO IF (R2280 GE 0)                                                       */
/* COMPUTE HGCS79=R2280                                              */
/* ELSE                                                 */
/* COMPUTE HGCS79=R173                                              */
/* END IF                                                 */
/* IF (R2276 EQ 0 AND R2286 GT 0) R156=1                                     */
*****/*****
*****/

```

DCL 1 INREC7990,

```

2 CURAT(79:90) PIC '-----9',
/* R( 156.) R( 2285.) R( 4168.) R( 6639.) R( 9053.) R(12052.) */
/* R(16045.) R(19050.) R(23059.) R(25084.) R(29075.) R(31096.) */

2 DIP(79:90) PIC '-----9',
/* R( 183.) R( 2300.) R( 4182.) R( 6653.) R( 9067.) R(12066.) */
/* R(16059.) R(19061.) R(23070.) R(25095.) R(29086.) R(31107.) */

2 DLEMO(79:90) PIC '-----9',
/* DLEMO79 DLEMO80 R( 4170.) R( 6641.) R( 9055.) R(12054.) */
/* R(16047.) R(19052.) R(23061.) R(25086.) R(29077.) R(31098.) */

2 DLEYR(79:90) PIC '-----9',
/* DLEYR79 DLEYR80 R( 4171.) R( 6642.) R( 90546) R(12055.) */
/* R(16048.) R(19053.) R(23062.) R(25087.) R(29078.) R(31099.) */

2 GRADE(79:90) PIC '-----9',
/* GRADE79 R( 2286.) R( 4169.) R( 6640.) R( 9054.) R(12053.) */
/* R(16046.) R(19051.) R(23060.) R(25085.) R(29076.) R(31097.) */

2 HGA(79:90) PIC '-----9',
/* R( 172.) R( 2291.) R( 4173.) R( 6644.) R( 9058.) R(12057.) */

```

```
/* R(16050.) R(19055.) R(23064.) R(25089.) R(29080.) R(31101.) */
```

```
2 HGC(79:90) PIC '-----9',
/* R( 2167.) R( 4064.) R( 6189.) R( 8982.) R(11450.) R(15202.) */
/* R(18909.) R(22580.) R(24454.) R(28711.) R(30748.) R(34015.) */
```

```
2 HGCS(79:90) PIC '-----9',
/* HGCS79 R( 2292.) R( 4174.) R( 6645.) R( 9059.) R(12058.) */
/* R(16051.) R(19056.) R(23065.) R(25090.) R(29081.) R(31102.) */
```

```
2 INTMO(79:90) PIC '-----9',
/* R( 1725.) R( 3292.) R( 5307.) R( 8099.) R(10457.) R(14275.) */
/* R(17946.) R(21562.) R(23657.) R(27425.) R(29861.) R(33025.) */
```

```
2 WEIGHT(79:90) PIC '9999999';
/* R( 2161.) R( 4052.) R( 6146.) R( 8967.) R(11444.) R(15196.) */
/* R(18902.) R(22573.) R(24445.) R(28700.) R(30738.) R(34002.) */
```

```
DCL 1 INREC91,
2 WEIGHT_91 PIC '9999999',      /* R(36558.) */
2 SCHOOL_91,
5 ASLI_91 PIC '-----9',        /* R(35070.) */
5 CURAT_91 PIC '-----9',       /* R(35096.) */
5 DIP_91 PIC '-----9',         /* R(35107.) */
5 DLEMO_91 PIC '-----9',       /* R(35098.) */
5 DLEYR_91 PIC '-----9',       /* R(35099.) */
5 GRADE_91 PIC '-----9',       /* R(35097.) */
5 HGA_91 PIC '-----9',         /* R(35101.) */
5 HGCS_91 PIC '-----9',         /* R(35102.) */
5 INTMO_91 PIC '-----9',       /* R(35734.) */
5 HAVEDIP_91 PIC '-----9',     /* R(35106.) */
5 ATTCOL_91 PIC '-----9';      /* COMPUTE ATTCOL_91=0 */
                                /* IF R(35103.)>3 THEN ATTCOL_91=1 */
5 GRA_91 PIC '-----9',          /* COMPUTE GRA_91=-3 */
                                /* IF R(35096.)=1 */
                                /* THEN GRA_91=R(35097.) */
                                /* ELSE IF R(35096.)=0 */
                                /* THEN GRA_91=R(35101.) */
                                /* ELSE IF R(35070.)=0 */
                                /* THEN GRA_91=-4 */
```

```
/* CREATION OF HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF 5-1-91 */
```

```
HGC_91=-4;
ENROLL_91=-4;
DO I=80 TO 90;
IF WEIGHT(I)=0 THEN DO;
  HGCS(I)=-5;
  GRADE(I)=-5;
END;
IF WEIGHT_91=0 THEN DO;
  HGCS_91=-5;
  GRADE_91=-5;
  ENROLL_91=-5;
  HGC_91=-5;
```

```

END;

IF WEIGHT_91>0 THEN DO;
  IF ASLI_91=0 & (HAVEDIP_91=-4 ! HAVEDIP_91=0) THEN DO;
    IF WEIGHT(90)>0 THEN DO;
      IF INTMO(90)>=5 & (CURAT(90)=1 ! (DLEMO(90)>=5 & DLEYR(90)=90)) &
        HGCS(90)>HGC(90) THEN HGC_91=HGCS(90);
      ELSE HGC_91=HGC(90);
    END;
    IF WEIGHT(89)>0 THEN DO;
      IF INTMO(89)>=5 & (CURAT(89)=1 ! (DLEMO(89)>=5 & DLEYR(89)=89)) &
        HGCS(89)>HGC(89) THEN HGC_91=HGCS(89);
      ELSE HGC_91=HGC(89);
    END;
    ELSE IF WEIGHT(88)>0 THEN DO;
      IF INTMO(88)>=5 & (CURAT(88)=1 ! (DLEMO(88)>=5 & DLEYR(88)=88)) &
        HGCS(88)>HGC(88) THEN HGC_91=HGCS(88);
      ELSE HGC_91=HGC(88);
    END;
    ELSE IF WEIGHT(87)>0 THEN DO;
      IF INTMO(87)>=5 & (CURAT(87)=1 ! (DLEMO(87)>=5 & DLEYR(87)=87)) &
        HGCS(87)>HGC(87) THEN HGC_91=HGCS(87);
      ELSE HGC_91=HGC(87);
    END;
    ELSE IF WEIGHT(86)>0 THEN DO;
      IF INTMO(86)>=5 & (CURAT(86)=1 ! (DLEMO(86)>=5 & DLEYR(86)=86)) &
        HGCS(86)>HGC(86) THEN HGC_91=HGCS(86);
      ELSE HGC_91=HGC(86);
    END;
    ELSE IF WEIGHT(85)>0 THEN DO;
      IF INTMO(85)>=5 & (CURAT(85)=1 ! (DLEMO(85)>=5 & DLEYR(85)=85)) &
        HGCS(85)>HGC(85) THEN HGC_91=HGCS(85);
      ELSE HGC_91=HGC(85);
    END;
    ELSE IF WEIGHT(84)>0 THEN DO;
      IF INTMO(84)>=5 & (CURAT(84)=1 ! (DLEMO(84)>=5 & DLEYR(84)=84)) &
        HGCS(84)>HGC(84) THEN HGC_91=HGCS(84);
      ELSE HGC_91=HGC(84);
    END;
    ELSE IF WEIGHT(83)>0 THEN DO;
      IF INTMO(83)>=5 & (CURAT(83)=1 ! (DLEMO(83)>=5 & DLEYR(83)=83)) &
        HGCS(83)>HGC(83) THEN HGC_91=HGCS(83);
      ELSE HGC_91=HGC(83);
    END;
    ELSE IF WEIGHT(82)>0 THEN DO;
      IF INTMO(82)>=5 & (CURAT(82)=1 ! (DLEMO(82)>=5 & DLEYR(82)=82)) &
        HGCS(82)>HGC(82) THEN HGC_91=HGCS(82);
      ELSE HGC_91=HGC(82);
    END;
    ELSE IF WEIGHT(81)>0 THEN DO;
      IF INTMO(81)>=5 & (CURAT(81)=1 ! (DLEMO(81)>=5 & DLEYR(81)=81)) &
        HGCS(81)>HGC(81) THEN HGC_91=HGCS(81);
      ELSE HGC_91=HGC(81);
    END;
    ELSE IF WEIGHT(80)>0 THEN DO;
      IF INTMO(80)>=5 & (CURAT(80)=1 ! (DLEMO(80)>=5 & DLEYR(80)=80)) &

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```
HGCS(80)>HGC(80) THEN HGC_91=HGCS(80);
ELSE HGC_91=HGC(80);
END;
ELSE DO;
  IF INTMO(79)>=5 & (CURAT(79)=1 ! (DLEMO(79)>=5 & DLEYR(79)=79)) &
    HGCS(79)>HGC(79) THEN HGC_91=HGCS(79);
  ELSE HGC_91=HGC(79);
END;
IF HGC_91>=12 THEN ENROLL_91=4;
ELSE IF HGC_91>=0 THEN ENROLL_90=1;
END;
ELSE IF ASLI_91=1 THEN DO;
  IF HGCS_91<=0 THEN DO;
    IF CURAT_91=1 & GRADE_91>=1 THEN DO;
      HGC_91=GRADE_91-1;
      IF HGC_91>=12 THEN ENROLL_91=3;
      ELSE ENROLL_91=2;
    END;
    ELSE IF CURAT_91=0 & HGA_91>=1 THEN DO;
      IF DLEYR_91<90 ! DLEMO_91<5 THEN DO;
        HGC_91=HGA_91;
        IF HGC_91>=12 THEN ENROLL_91=4;
        ELSE ENROLL_91=1;
      END;
      ELSE DO;
        HGC_91=HGA_91-1;
        IF HGC_91>=12 THEN ENROLL_91=4;
        ELSE ENROLL_91=1;
      END;
    END;
  END;
ELSE DO;
  IF HGCS_91=HGA_91 ! HGCS_91=GRADE_91 THEN DO;
    IF (DLEYR_91=91 & DLEMO_91>=5) ! (INTMO_91>=5 &
      CURAT_91=1) THEN DO;
      HGC_91=HGCS_91-1;
      IF HGC_91>=12 THEN ENROLL_91=3;
      ELSE ENROLL_91=2;
    END;
    ELSE HGC_91=HGCS_91;
  END;
  IF HGCS_91=HGA_91-1 ! HGCS_91=GRADE_91-1 THEN
    HGC_91=HGCS_91;
  ELSE IF (HGCS_91<HGA_91 & HGA_91>0 & HGA_91<20) !
    (HGCS_91<GRADE_91 & GRADE_91>0 & GRADE_91<20) THEN
    HGC_91=HGCS_91;
  IF ENROLL_91=4 & CURAT_91=1 & HGC_91>=0 THEN DO;
    IF HGC_91>=12 THEN ENROLL_91=3;
    ELSE ENROLL_91=2;
  END;
  IF ENROLL_91=4 & CURAT_91=0 & HGC_91>=0 THEN DO;
    IF HGC_91>=12 THEN ENROLL_91=4;
    ELSE ENROLL_91=1;
  END;
END;
END;
```

```

IF ((HGC_91=10 ! HGC_91=11) & (HAVEDIP_91=1 ! ATTCOL_91=1)) !
(DIP_91=2 & HGC_91<12) !(HGC_91=-4 & (DIP_91=1 ! DIP_91=3))
THEN DO;
HGC_91=12;
IF ENROLL_91>0 THEN ENROLL_91=5-ENROLL_90;
ELSE IF CURAT_91=1 !(DLEYR_91=91 & DLEMO_91>=5) THEN ENROLL_91=3;
ELSE ENROLL_91=4;
END;
ELSE IF HGC_91<0 & DIP_91=-3 THEN DO;
HGC_91=-3;
ENROLL_91=-3;
END;
IF HGC_91>20 THEN DO;
HGC_91=-3;
ENROLL_91=-3;
END;
IF HGC_91>HGC(90)+3 & HGC(90)>0 & DIP_91^=2 & DIP_91^=3 THEN DO;
HGC_91=-3;
ENROLL_91=-3;
END;
IF HGC_91>0 & HGC_91<HGC(90)-1 !(HGC(90)=12 & HGC_91=11) THEN DO;
HGC_91=-3;
ENROLL_91=-3;
END;
IF (DIP(79)>1 ! DIP(80)>1 ! DIP(81)>1 ! DIP(82)>1 ! DIP(83)>1 !
DIP(84)>1 ! DIP(85)>1 ! DIP(86)>1 ! DIP(87)>1 ! DIP(88)>1 !
DIP(89)>1 ! DIP(90)>1) & HGC_91<12 THEN DO;
HGC_91=12;
IF ENROLL_91=1 ! ENROLL_91<0 THEN ENROLL_91=4;
END;
IF HGC_91=-3 & ENROLL_91=-4 THEN ENROLL_91=-3;
ELSE IF HGC_91=-4 & ENROLL_91=-4 THEN DO;
HGC_91=-3;
ENROLL_91=-3;
END;
END;

HGC_91=R(36569.)
ENROLL_91=R(36570.)

```

```

/* EACH INSTANCE OF -3 FOR HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS */
/* IS REVIEWED BY CHECKING SELECTED SCHOOL VARIABLES. VALUES OF -3 */
/* ARE RECODED TO VALID VALUES WHERE AUXILLIARY INFORMATION INDICATES. */
/* HOWEVER, THERE ARE A NUMBER OF -3'S COMPUTED FOR HIGHEST GRADE */
/* COMPLETED AND ENROLLMENT STATUS THAT REMAIN. */

```

HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF MAY 1, 1992

```

/* THE FOLLOWING CODE IS APPLIED TO THE DATA BEFORE THE PLI PROGRAM      */
/* IS EXECUTED. THE PURPOSE OF THE CODE IS TO APPROPRIATELY RECODE SELECTED   */
/* 1979 AND 1980 VARIABLES.                                              */
/*
/* IF (R2283 EQ 0 OR R2282 EQ 0) THEN DO; DLEMO79=R2287; DLEYR79=R2288; END;    */
/* ELSE DO; DLEMO79=R169; DLEYR79=R170; END;                                     */
/* IF (R4052 GT 0 AND R2283 NE 0 AND R2282 NE 0) THEN DO;                         */
/* DLEMO80=R2287; DLEYR80=R2288; END;                                            */
/* IF (R2275 EQ 0 OR R2276 EQ 0) THEN GRADE79=R2277 ;                           */
/* ELSE GRADE79=R2286;                                                       */
/* IF (R2280 GE 0) THEN HGCS79=R2280;                                         */
/* ELSE                                                       */
/* COMPUTE HGCS79=R173                                                       */
/* END IF                                                       */
/* IF (R2276 EQ 0 AND R2286 GT 0) R156=1                                     */
*/
*****
```

DCL 1 INREC79OLD,

```

2 CURAT(79:LASTYR) PIC '-----9',
/* R( 156.) R( 2285.) R( 4168.) R( 6639.) R( 9053.) R(12052.) */
/* R(16045.) R(19050.) R(23059.) R(25084.) R(29075.) R(31096.) */
/* R(35096.) */
2 DIP(79:LASTYR) PIC '-----9',
/* R( 183.) R( 2300.) R( 4182.) R( 6653.) R( 9067.) R(12066.) */
/* R(16059.) R(19061.) R(23070.) R(25095.) R(29086.) R(31107.) */
/* R(35107.) */
2 DLEMO(79:LASTYR) PIC '-----9',
/* DLEMO79 DLEMO80 R( 4170.) R( 6641.) R( 9055.) R(12054.) */
/* R(16047.) R(19052.) R(23061.) R(25086.) R(29077.) R(31098.) */
/* R(35098.) */
2 DLEYR(79:LASTYR) PIC '-----9',
/* DLEYR79 DLEYR80 R( 4171.) R( 6642.) R( 90546) R(12055.) */
/* R(16048.) R(19053.) R(23062.) R(25087.) R(29078.) R(31099.) */
/* R(35099.) */
2 GRADE(79:LASTYR) PIC '-----9',
/* GRADE79 R( 2286.) R( 4169.) R( 6640.) R( 9054.) R(12053.) */
/* R(16046.) R(19051.) R(23060.) R(25085.) R(29076.) R(31097.) */
/* R(35097.) */
2 HGA(79:LASTYR) PIC '-----9',
/* R( 172.) R( 2291.) R( 4173.) R( 6644.) R( 9058.) R(12057.) */
/* R(16050.) R(19055.) R(23064.) R(25089.) R(29080.) R(31101.) */
/* R(35101.) */
2 HGC(79:LASTYR) PIC '-----9',
/* R( 2167.) R( 4064.) R( 6189.) R( 8982.) R(11450.) R(15202.) */
/* R(18909.) R(22580.) R(24454.) R(28711.) R(30748.) R(34015.) */
/* R(36569.) */
2 HGCS(79:LASTYR) PIC '-----9',
/* HGCS79 R( 2292.) R( 4174.) R( 6645.) R( 9059.) R(12058.) */
/* R(16051.) R(19056.) R(23065.) R(25090.) R(29081.) R(31102.) */
/* R(35102.) */
2 INTMO(79:LASTYR) PIC '-----9',
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/* R( 1725.) R( 3292.) R( 5307.) R( 8099.) R(10457.) R(14275.) */
/* R(17946.) R(21562.) R(23657.) R(27425.) R(29861.) R(33025.) */
/* R(35734.) */
2 WEIGHT(79:LASTYR) PIC '9999999',
/* R( 2161.) R( 4052.) R( 6146.) R( 8967.) R(11444.) R(15196.) */
/* R(18902.) R(22573.) R(24445.) R(28700.) R(30738.) R(34002.) */
/* R(36558.) */
2 WEIGHT92 PIC '9999999'; /* R(36558.) */

DCL 1 INRECNEW ,
2 NORCID_CUR PIC '-----9',
2 INTOB_CUR PIC '9999999',      /* DUMMY */
2 SCHOOL_CUR,
5 ASLI_CUR PIC '-----9',        /* R(37070.) */
5 CURAT_CUR PIC '-----9',       /* R(37096.) */
5 DIP_CUR PIC '-----9',         /* R(37107.) */
5 DLEMO_CUR PIC '-----9',       /* R(37098.) */
5 DLEYR_CUR PIC '-----9',       /* R(37099.) */
5 GRA_CUR PIC '-----9',         /* COMPUTE GRA_CUR=-3 */
/* IF R(37096.)=1 */
/* THEN GRA_CUR=R(37096.) */
/* ELSE IF R(37096.)=0 */
/* THEN GRA_CUR=R(37100.) */
/* ELSE IF R(37070.)=0 */
/* THEN GRA_CUR=-4 */
/* R(37097.) */
/* R(37101.) */
/* R(37102.) */
/* R(39176.) */
/* R(37106.) */
/* COMPUTE ATTCOL_CUR=0 */
/* IF R(37102.)>3 THEN ATTCOL_CUR=1 */

5 GRADE_CUR PIC '-----9',
5 HGA_CUR PIC '-----9',
5 HGCS_CUR PIC '-----9',
5 INTMO_CUR PIC '-----9',
5 HAVEDIP_CUR PIC '-----9',
5 ATTCOL_CUR PIC '-----9';
/* IF R(37102.)>3 THEN ATTCOL_CUR=1 */

/* CREATION OF HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF 5-1-92 */

HGC_CUR=-4;
ENROLL_CUR=-4;
DO I=80 TO LASTYR;
IF WEIGHT(I)=0 THEN DO;
  HGCS(I)=-5;
  GRADE(I)=-5;
END;
END;
IF WEIGHT92 > 0 THEN DO;
  IF ASLI_CUR=0 & (HAVEDIP_CUR=-4 | HAVEDIP_CUR=0) THEN DO; /* ATT NO */
    DO I = LASTYR TO 79 BY -1 WHILE(HGC_CUR = -4); /* SEARCH */
    IF WEIGHT(I) > 0 THEN DO; /* SEARCH INT YES */
      IF INTMO(I)>=5 & (CURAT(I)=1 | (DLEMO(I)>=5 & DLEYR(I)=I)) &
        HGCS(I)>HGC(I) THEN HGC_CUR=HGCS(I);
      ELSE HGC_CUR=HGC(I);
    END; /* SEARCH INT YES */
  END; /* SEARCH */
  IF HGC_CUR>=12 THEN ENROLL_CUR=4;
  ELSE IF HGC_CUR>=0 THEN ENROLL_CUR=1;
END; /* ATT NO */
IF ASLI_CUR=1 THEN DO; /* ASLI = YES */

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IF HGCS_CUR <=0 THEN DO; /* HGC_CUR STILL -4 */
IF CURAT_CUR=1 & GRADE_CUR>=1 THEN DO; /* CURAT AND GRADE */
    HGC_CUR=GRADE_CUR-1;
    IF HGC_CUR>=12 THEN ENROLL_CUR=3;
    ELSE ENROLL_CUR=2;
    END; /* CURAT AND GRADE */
ELSE IF CURAT_CUR=0 & HGA_CUR>=1 THEN DO; /* NOTCURAT BUT GRADE */
    IF DLEYR_CUR<LASTYR | DLEMO_CUR<5 THEN DO; /* DATES */
        HGC_CUR=HGA_CUR;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
        END; /* DATES */
    ELSE DO;
        HGC_CUR=HGA_CUR-1;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
        END; /* DATES OK */
    END; /* NOTCURAT BUT GRADE */
END; /* HGC_CUR STILL -4 */
ELSE DO; /*ENROLL */
    IF HGCS_CUR=HGA_CUR | HGCS_CUR=GRADE_CUR THEN DO;
        IF (DLEYR_CUR=CURANTYR & DLEMO_CUR>=5) | (INTMO_CUR>=5 &
            CURAT_CUR=1) THEN DO;
            HGC_CUR=HGCS_CUR-1;
            IF HGC_CUR>=12 THEN ENROLL_CUR=3;
            ELSE ENROLL_CUR=2;
            END;
        ELSE HGC_CUR=HGCS_CUR;
        END;
    IF HGCS_CUR=HGA_CUR-1 | HGCS_CUR=GRADE_CUR-1 THEN
        HGC_CUR=HGCS_CUR;
    ELSE IF (HGCS_CUR<HGA_CUR & HGA_CUR>0 & HGA_CUR<20) |
        (HGCS_CUR<GRADE_CUR & GRADE_CUR>0 & GRADE_CUR<20) THEN
        HGC_CUR=HGCS_CUR;
    IF ENROLL_CUR=-4 & CURAT_CUR=1 & HGC_CUR>=0 THEN DO;
        IF HGC_CUR>=12 THEN ENROLL_CUR=3;
        ELSE ENROLL_CUR=2;
        END;
    IF ENROLL_CUR=-4 & CURAT_CUR=0 & HGC_CUR>=0 THEN DO;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
        END;
    END;
    END; /* ASLI = YES */
IF ((HGC_CUR=10 | HGC_CUR=11) & (HAVEDIP_CUR=1 | ATTCOL_CUR=1)) |
(DIP_CUR=2 & HGC_CUR<12) | (HGC_CUR=-4 & (DIP_CUR=1 | DIP_CUR=3))
THEN DO;
    HGC_CUR=12;
    IF ENROLL_CUR>0 THEN ENROLL_CUR=5-ENROLL_CUR;
    ELSE IF CURAT_CUR=1 | (DLEYR_CUR=LASTYR & DLEMO_CUR>=5)
    THEN ENROLL_CUR=3;
    ELSE ENROLL_CUR=4;
    END;
ELSE IF HGC_CUR<0 & DIP_CUR=-3 THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;

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```
        END;
IF HGC_CUR>20 THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
  END;
IF HGC_CUR>HGC(LASTYR)+3 & HGC(LASTYR)>0 & DIP_CUR^=2 & DIP_CUR^=3 THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
  END;
IF HGC_CUR>0 & HGC_CUR<HGC(LASTYR)-1 | (HGC(LASTYR)=12 & HGC_CUR=11)
THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
  END;
END; /*NEW */
TRU=0;
DO I=79 TO LASTYR BY 1;
  IF DIP(I)>1 THEN TRU =1;END;
  IF TRU = 1 & HGC_CUR<12 THEN HGC_CUR=12;
  IF TRU = 1 & (ENROLL_CUR=1 | ENROLL_CUR<0) THEN ENROLL_CUR=4;
  IF HGC_CUR=-3 & ENROLL_CUR=-4 THEN ENROLL_CUR=-3;
ELSE IF HGC_CUR=-4 & ENROLL_CUR=-4 THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
END;

/* EACH INSTANCE OF -3 FOR HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS      */
/* IS REVIEWED BY CHECKING SELECTED SCHOOL VARIABLES. VALUES OF -3              */
/* ARE RECODED TO VALID VALUES WHERE AUXILLIARY INFORMATION INDICATES.          */
/* HOWEVER, THERE ARE A NUMBER OF -3S COMPUTED FOR HIGHEST GRADE                 */
/* COMPLETED AND ENROLLMENT STATUS THAT REMAIN.                                     */
```

HGC_92=R(36569.)
ENROLL_92=R(36570.)

HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF MAY 1, 1993

```

/* THE FOLLOWING CODE IS APPLIED TO THE DATA BEFORE THE PLI PROGRAM          */
/* IS EXECUTED. THE PURPOSE OF THE CODE IS TO APPROPRIATELY RECODE             */
/* SELECTED 1979 AND 1980 VARIABLES.                                         */
/*
/* IF (R2283 EQ 0 OR R2282 EQ 0) THEN DO; DLEMO79=R2287; DLEYR79=R2288; END;    */
/* ELSE DO; DLEMO79=R169; DLEYR79=R170; END;                                     */
/* IF (R4052 GT 0 AND R2283 NE 0 AND R2282 NE 0) THEN DO;                      */
/* DLEMO80=R2287; DLEYR80=R2288; END;                                           */
/* IF (R2275 EQ 0 OR R2276 EQ 0) THEN GRADE79=R2277 ;                           */
/* ELSE GRADE79=R2286;                                                       */
/* IF (R2280 GE 0) THEN HGCS79=R2280;                                         */
/* ELSE                                                       */
/* COMPUTE HGCS79=R173                                                       */
/* END IF                                                       */
/* IF (R2276 EQ 0 AND R2286 GT 0) R156=1                                     */
/*
*****=====
*****=====
DCL 1 INREC79OLD,
 2 NORCID_OLD PIC '-----9',
 2 PUBID_OLD PIC '-----9',
 2 CURAT(79:LASTYR) PIC '-----9',
  /* R( 156.) R( 2285.) R( 4168.) R( 6639.) R( 9053.) R(12052.) */
  /* R(16045.) R(19050.) R(23059.) R(25084.) R(29075.) R(31096.) */
  /* R(35096.) R(37096.) */
 2 DIP(79:LASTYR) PIC '-----9',
  /* R( 183.) R( 2300.) R( 4182.) R( 6653.) R( 9067.) R(12066.) */
  /* R(16059.) R(19061.) R(23070.) R(25095.) R(29086.) R(31107.) */
  /* R(35107.) R(37107.) */
 2 DLEMO(79:LASTYR) PIC '-----9',
  /* DLEMO79 DLEMO80 R( 4170.) R( 6641.) R( 9055.) R(12054.) */
  /* R(16047.) R(19052.) R(23061.) R(25086.) R(29077.) R(31098.) */
  /* R(35098.) R(37098.) */
 2 DLEYR(79:LASTYR) PIC '-----9',
  /* DLEYR79 DLEYR80 R( 4171.) R( 6642.) R( 90546) R(12055.) */
  /* R(16048.) R(19053.) R(23062.) R(25087.) R(29078.) R(31099.) */
  /* R(35099.) R(37099.) */
 2 GRADE(79:LASTYR) PIC '-----9',
  /* GRADE79 R( 2286.) R( 4169.) R( 6640.) R( 9054.) R(12053.) */
  /* R(16046.) R(19051.) R(23060.) R(25085.) R(29076.) R(31097.) */
  /* R(35097.) R(37097.) */
 2 HGA(79:LASTYR) PIC '-----9',
  /* R( 172.) R( 2291.) R( 4173.) R( 6644.) R( 9058.) R(12057.) */
  /* R(16050.) R(19055.) R(23064.) R(25089.) R(29080.) R(31101.) */
  /* R(35101.) R(37101.) */
 2 HGC(79:LASTYR) PIC '-----9',
  /* R( 2167.) R( 4064.) R( 6189.) R( 8982.) R(11450.) R(15202.) */
  /* R(18909.) R(22580.) R(24454.) R(28711.) R(30748.) R(34015.) */
  /* R(36569.) R(40074.)*/
 2 HGCS(79:LASTYR) PIC '-----9',
  /* HGCS79 R( 2292.) R( 4174.) R( 6645.) R( 9059.) R(12058.) */
  /* R(16051.) R(19056.) R(23065.) R(25090.) R(29081.) R(31102.) */
  /* R(35102.) R(37102.) */

```

```

2 INTMO(79:LASTYR) PIC '-----9',
/* R( 1725.) R( 3292.) R( 5307.) R( 8099.) R(10457.) R(14275.) */
/* R(17946.) R(21562.) R(23657.) R(27425.) R(29861.) R(33025.) */
/* R(35734.) R(39176.) */
2 WEIGHT(79:LASTYR) PIC '9999999';
/* R( 2161.) R( 4052.) R( 6146.) R( 8967.) R(11444.) R(15196.) */
/* R(18902.) R(22573.) R(24445.) R(28700.) R(30738.) R(34002.) */
/* R(36558.) R(40063.) */

DCL 1 INRECNEW,
2 NORCID_CUR PIC '-----9',
2 INTOB_CUR  PIC '9999999',      /* DUMMY */
2 SCHOOL_CUR,
5 ASLI_CUR  PIC '-----9',      /* R(41347.) */
5 CURAT_CUR PIC '-----9',      /* R(41374.) */
5 DIP_CUR   PIC '-----9',      /* R(41385.) */
5 DLEMO_CUR PIC '-----9',      /* R(41376.) */
5 DLEYR_CUR PIC '-----9',      /* R(41376.01.) */
5 GRA_CUR   PIC '-----9',      /* COMPUTE GRA_CUR=-3 */
/* IF R(41374.)=1 */
/* THEN GRA_CUR=R(41374.) */
/* ELSE IF R(41374.)=0 */
/* THEN GRA_CUR=R(41378.) */
/* ELSE IF R(41347.)=0 */
/* THEN GRA_CUR=-4 */
/* R(41375.) */
/* R(41378.) */
/* R(41379.) */
5 GRADE_CUR PIC '-----9',
5 HGA_CUR   PIC '-----9',
5 HGCS_CUR  PIC '-----9',
5 INTMO_CUR PIC '-----9',
5 HAVEDIP_CUR PIC '-----9',
5 ATTCOL_CUR PIC '-----9';    /* COMPUTE ATTCOL_CUR=0 */
/* IF R(41379.)>3 THEN ATTCOL_CUR=1 */

/* CREATION OF HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF 5-1-93 */

```

```

HGC_CUR=-4;
ENROLL_CUR=-4;
DO I=80 TO LASTYR;
IF WEIGHT(I)=0 THEN DO;
  HGCS(I)=-5;
  GRADE(I)=-5;
END;
END;
/*IN 93 OLD AND NEW FILES HAVE ONLY INTERVIEWS */
/* IF THERE IS A NEED TO UNCOMMENT LOOP BELOW */
/* IF RNICUR=-4 THEN DO; - LOOP NEW */
IF ASLI_CUR=0 & (HAVEDIP_CUR=-4 | HAVEDIP_CUR=0) THEN DO; /* ATT NO */
DO I = LASTYR TO 79 BY -1 WHILE(HGC_CUR = -4); /* SEARCH */
  IF WEIGHT(I) > 0 THEN DO; /* SEA INT YES */
    IF INTMO(I)>=5 & (CURAT(I)=1 | (DLEMO(I)>=5 & DLEYR(I)=I)) &
      HGCS(I)>HGC(I) THEN HGC_CUR=HGCS(I);
    ELSE HGC_CUR=HGC(I);
  END; /* SEA INT YES */
END; /* SEARCH */
  IF HGC_CUR>=12 THEN ENROLL_CUR=4;
  ELSE IF HGC_CUR>=0 THEN ENROLL_CUR=1;

```

```

END; /* - ATT NO */
IF ASLI_CUR=1 THEN DO; /*ASLI = YES */
  IF HGCS_CUR <=0 THEN DO; /* HGC_CUR STILL -4 */
    IF CURAT_CUR=1 & GRADE_CUR>=1 THEN DO; /* CURAT AND GRADE */
      HGC_CUR=GRADE_CUR-1;
      IF HGC_CUR>=12 THEN ENROLL_CUR=3;
      ELSE ENROLL_CUR=2;
      END; /* CURAT AND GRADE */
    ELSE IF CURAT_CUR=0 & HGA_CUR>=1 THEN DO; /* NOTCURAT BUT GRADE */
      IF DLEYR_CUR<LASTYR | DLEMO_CUR<5 THEN DO; /* DATES */
        HGC_CUR=HGA_CUR;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
        END; /* DATES */
      ELSE DO;
        HGC_CUR=HGA_CUR-1;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
        END; /* DATES OK */
      END; /* NOTCURAT BUT GRADE */
    END; /* HGC_CUR STILL -4 */
  ELSE DO; /*ENROLL */
    IF HGCS_CUR=HGA_CUR | HGCS_CUR=GRADE_CUR THEN DO;
      IF (DLEYR_CUR=CURANTYR & DLEMO_CUR>=5) | (INTMO_CUR>=5 &
        CURAT_CUR=1) THEN DO;
        HGC_CUR=HGCS_CUR-1;
        IF HGC_CUR>=12 THEN ENROLL_CUR=3;
        ELSE ENROLL_CUR=2;
        END;
      ELSE HGC_CUR=HGCS_CUR;
      END;
    IF HGCS_CUR=HGA_CUR-1 | HGCS_CUR=GRADE_CUR-1 THEN
      HGC_CUR=HGCS_CUR;
    ELSE IF (HGCS_CUR<HGA_CUR & HGA_CUR>0 & HGA_CUR<20) |
      (HGCS_CUR<GRADE_CUR & GRADE_CUR>0 & GRADE_CUR<20) THEN
      HGC_CUR=HGCS_CUR;
    IF ENROLL_CUR=-4 & CURAT_CUR=1 & HGC_CUR>=0 THEN DO;
      IF HGC_CUR>=12 THEN ENROLL_CUR=3;
      ELSE ENROLL_CUR=2;
      END;
    IF ENROLL_CUR=-4 & CURAT_CUR=0 & HGC_CUR>=0 THEN DO;
      IF HGC_CUR>=12 THEN ENROLL_CUR=4;
      ELSE ENROLL_CUR=1;
      END;
    END;
  END; /* ASLI = YES */
IF ((HGC_CUR=10 | HGC_CUR=11) & (HAVEDIP_CUR=1 | ATTCOL_CUR=1)) |
  (DIP_CUR=2 & HGC_CUR<12) | (HGC_CUR=-4 & (DIP_CUR=1 | DIP_CUR=3))
  THEN DO;
  HGC_CUR=12;
  IF ENROLL_CUR>0 THEN ENROLL_CUR=5-ENROLL_CUR;
  ELSE IF CURAT_CUR=1 | (DLEYR_CUR=LASTYR & DLEMO_CUR>=5)
  THEN ENROLL_CUR=3;
  ELSE ENROLL_CUR=4;
  END;
ELSE IF HGC_CUR<0 & DIP_CUR=-3 THEN DO;

```

```

HGC_CUR=-3;
ENROLL_CUR=-3;
      END;
IF HGC_CUR>20 THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
      END;
IF HGC_CUR>HGC(LASTYR)+3 & HGC(LASTYR)>0 & DIP_CUR^=2 & DIP_CUR^=3 THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
      END;
IF HGC_CUR>0 & HGC_CUR<HGC(LASTYR)-1 | (HGC(LASTYR)=12 & HGC_CUR=11)
THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
      END;
/* END; LOOP NEW IN 93 OLD AND NEW FILES HAVE ONLY INTERVIEWS */
/*   IF THERE IS A NEED TO UNCOMMENT THIS END   */
TRU=0;
DO I=79 TO LASTYR BY 1;
  IF DIP(I)>1 THEN TRU =1;END;
  IF TRU = 1 & HGC_CUR<12 THEN HGC_CUR=12;
  IF TRU = 1 & (ENROLL_CUR=1 | ENROLL_CUR<0) THEN ENROLL_CUR=4;
  IF HGC_CUR=-3 & ENROLL_CUR=-4 THEN ENROLL_CUR=-3;
ELSE IF HGC_CUR=-4 & ENROLL_CUR=-4 THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
END;

/* EACH INSTANCE OF -3 FOR HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS */
/* IS REVIEWED BY CHECKING SELECTED SCHOOL VARIABLES. VALUES OF -3 */
/* ARE RECODED TO VALID VALUES WHERE AUXILLIARY INFORMATION INDICATES. */
/* HOWEVER, THERE ARE A NUMBER OF -3S COMPUTED FOR HIGHEST GRADE */
/* COMPLETED AND ENROLLMENT STATUS THAT REMAIN. */

/* HGC_93=R(44185.) */
/* ENROLL_93=R(44186.) */

```

HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF MAY 1, 1994

```
/* THE FOLLOWING CODE IS APPLIED TO THE DATA BEFORE THE PLI PROGRAM          */
/* IS EXECUTED. THE PURPOSE OF THE CODE IS TO APPROPRIATELY RECODE            */
/* SELECTED 1979 AND 1980 VARIABLES.                                         */
/*
/* IF (R2283 EQ 0 OR R2282 EQ 0) THEN DO; DLEMO79=R2287; DLEYR79=R2288;END;    */
/* ELSE DO; DLEMO79=R169; DLEYR79=R170; END;                                     */
/* IF (R4052 GT 0 AND R2283 NE 0 AND R2282 NE 0) THEN DO;                      */
/* DLEMO80=R2287; DLEYR80=R2288; END;                                           */
/* IF (R2275 EQ 0 OR R2276 EQ 0) THEN GRADE79=R2277 ;                           */
/* ELSE GRADE79=R2286;                                                       */
/* IF (R2280 GE 0) THEN HGCS79=R2280;                                         */
/* ELSE                                                       */
/* COMPUTE HGCS79=R173                                                       */
/* END IF                                                       */
/* IF (R2276 EQ 0 AND R2286 GT 0) R156=1                                     */
/* */

*****
```

```
*****
```

```
DCL 1 OUTREC,
 2 PUBID PIC '-----9',
 2 NORCID PIC '-----9',
 2 HGC_CUR PIC '-----9',
 2 ENROLL_CUR PIC '-----9';
/* 2 CASEIDD CHAR(9), */

DCL 1 INREC79OLD,
 2 NORCID_OLD PIC '-----9',
 2 PUBID_OLD PIC '-----9',
 2 CURAT(79:LASTYR) PIC '-----9',
  /* R( 156.) R( 2285.) R( 4168.) R( 6639.) R( 9053.) R(12052.) */
  /* R(16045.) R(19050.) R(23059.) R(25084.) R(29075.) R(31096.) */
  /* R(35096.) R(37096.) R(41374.) */
 2 DIP(79:LASTYR) PIC '-----9',
  /* R( 183.) R( 2300.) R( 4182.) R( 6653.) R( 9067.) R(12066.) */
  /* R(16059.) R(19061.) R(23070.) R(25095.) R(29086.) R(31107.) */
  /* R(35107.) R(37107.) R(41384.)*/
 2 DLEMO(79:LASTYR) PIC '-----9',
  /* DLEMO79 DLEMO80 R( 4170.) R( 6641.) R( 9055.) R(12054.) */
  /* R(16047.) R(19052.) R(23061.) R(25086.) R(29077.) R(31098.) */
  /* R(35098.) R(37098.) R(41376.)*/
 2 DLEYR(79:LASTYR) PIC '-----9',
  /* DLEYR79 DLEYR80 R( 4171.) R( 6642.) R( 90546) R(12055.) */
  /* R(16048.) R(19053.) R(23062.) R(25087.) R(29078.) R(31099.) */
  /* R(35099.) R(37099.) R(41376.01.)*/
 2 GRADE(79:LASTYR) PIC '-----9',
  /* GRADE79 R( 2286.) R( 4169.) R( 6640.) R( 9054.) R(12053.) */
  /* R(16046.) R(19051.) R(23060.) R(25085.) R(29076.) R(31097.) */
  /* R(35097.) R(37097.) R(41375.)*/
 2 HGA(79:LASTYR) PIC '-----9',
  /* R( 172.) R( 2291.) R( 4173.) R( 6644.) R( 9058.) R(12057.) */
  /* R(16050.) R(19055.) R(23064.) R(25089.) R(29080.) R(31101.) */
  /* R(35101.) R(37101.) R(41378.)*/
 2 HGC(79:LASTYR) PIC '-----9',
  /* R( 2167.) R( 4064.) R( 6189.) R( 8982.) R(11450.) R(15202.) */
```

```

/* R(18909.) R(22580.) R(24454.) R(28711.) R(30748.) R(34015.) */
/* R(36569.) R(40074.) R(44185.)*/
2 HGCS(79:LASTYR) PIC '-----9',
/* HGCS79 R( 2292.) R( 4174.) R( 6645.) R( 9059.) R(12058.) */
/* R(16051.) R(19056.) R(23065.) R(25090.) R(29081.) R(31102.) */
/* R(35102.) R(37102.) (R41379.)*/
2 INTMO(79:LASTYR) PIC '-----9',
/* R( 1725.) R( 3292.) R( 5307.) R( 8099.) R(10457.) R(14275.) */
/* R(17946.) R(21562.) R(23657.) R(27425.) R(29861.) R(33025.) */
/* R(35734.) R(39176.) R(41002.)*/
2 WEIGHT(79:LASTYR) PIC '9999999';
/* R( 2161.) R( 4052.) R( 6146.) R( 8967.) R(11444.) R(15196.) */
/* R(18902.) R(22573.) R(24445.) R(28700.) R(30738.) R(34002.) */
/* R(36558.) R(40063.) R(44174.)*/

/* 2 CASEID CHAR(9), */
/* 2 RNICUR PIC '9999999'; - R(50805.) */

DCL 1 INRECNEW,
2 NORCID_CUR PIC '-----9',
2 INTOB_CUR PIC '9999999', /* DUMMY */
2 SCHOOL_CUR,
5 ASLI_CUR PIC '-----9', /* R(45233.) */
5 CURAT_CUR PIC '-----9', /* R(45260.) */
5 DIP_CUR PIC '-----9', /* R(45271.) */
5 DLEMO_CUR PIC '-----9', /* R(45262.) */
5 DLEYR_CUR PIC '-----9', /* R(45262.01) */
5 GRA_CUR PIC '-----9', /* COMPUTE GRA_CUR=-3 */
/* IF R(45260.)=1 */
/* THEN GRA_CUR=R(45260.) */
/* ELSE IF R(45260.)=0 */
/* THEN GRA_CUR=R(45264.) */
/* ELSE IF R(45265.)=0 */
/* THEN GRA_CUR=-4 */
5 GRADE_CUR PIC '-----9', /* R(45261.) */
5 HGA_CUR PIC '-----9', /* R(45264.) */
5 HGCS_CUR PIC '-----9', /* R(45265.) */
5 INTMO_CUR PIC '-----9', /* R(45002.) */
5 HAVEDIP_CUR PIC '-----9', /* R(45270.) */
5 ATTCOL_CUR PIC '-----9'; /* COMPUTE ATTCOL_CUR=0 */
/* IF R(45267.)>3 OR R(45268.)>3 OR */
/* R(45278.)=1 THEN ATTCOL_CUR=1 */

READOLD: READ FILE(INTOLD) INTO(INREC79OLD);
erflg=0;
KOUNT79OLD = KOUNT79OLD + 1;
/* PUBID=SUBSTR(CASEID,5,5); */
/* CASEIDD=CASEID; */
PUBID=PUBID_OLD;
NORCID=NORCID_OLD;
/* IF RNICUR ^= -4 THEN DO; */
/* ENROLL_CUR=-5; */
/* HGC_CUR=-5; */
/* GO TO REWRITE; END; */
/* ELSE IF RNICUR = -4 THEN DO; - INT GET REC */
READNEW: READ FILE(INNEW) INTO(INRECNEW);
KOUNTNEW = KOUNTNEW + 1;

```

```

IF NORCID_OLD^=NORCID_CUR THEN DO; /* NO MATCH */
PUT SKIP EDIT ('ERROR - NORCIDOLD=',NORCID_OLD,NORCID_CUR=',NORCID_CUR)
      (A,F(7),A,F(7));
GO TO DONE;
      END; /* NO MATCH */
/*          END; - INT NO MATCH */

```

/* CREATION OF HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF 5-1-94 */

```

HGC_CUR=-4;
ENROLL_CUR=-4;
DO I=80 TO LASTYR;
  IF WEIGHT(I)=0 THEN DO;
    HGCS(I)=-5;
    GRADE(I)=-5;
  END;
END;
/*IN 94 OLD AND NEW FILES HAVE ONLY INTERVIEWS */
/* IF THERE IS A NEED TO UNCOMMENT LOOP BELOW */
/* IF RNICUR=-4 THEN DO; - LOOP NEW */
  IF ASLI_CUR=0 & (HAVEDIP_CUR=-4 | HAVEDIP_CUR=0) THEN DO; /* ATT NO */
  DO I = LASTYR TO 79 BY -1 WHILE(HGC_CUR = -4); /* SEARCH */
    IF WEIGHT(I) > 0 THEN DO; /* SEA INT YES */
      IF INTMO(I)>=5 & (CURAT(I)=1 | (DLEMO(I)>=5 & DLEYR(I)=I)) &
        HGCS(I)>HGC(I) THEN HGC_CUR=HGCS(I);
      ELSE HGC_CUR=HGC(I);
    END; /* SEA INT YES */
  END; /* SEARCH */
  IF HGC_CUR>=12 THEN ENROLL_CUR=4;
  ELSE IF HGC_CUR>=0 THEN ENROLL_CUR=1;
END; /* - ATT NO */
  IF ASLI_CUR=1 THEN DO; /*ASLI = YES */
    IF HGCS_CUR <=0 THEN DO; /* HGC_CUR STILL -4 */
      IF CURAT_CUR=1 & GRADE_CUR>=1 THEN DO; /* CURAT AND GRADE */
        HGC_CUR=GRADE_CUR-1;
        IF HGC_CUR>=12 THEN ENROLL_CUR=3;
        ELSE ENROLL_CUR=2;
      END; /* CURAT AND GRADE */
    ELSE IF CURAT_CUR=0 & HGA_CUR>=1 THEN DO; /* NOTCURAT BUT GRADE */
      IF DLEYR_CUR<LASTYR | DLEMO_CUR<5 THEN DO; /* DATES */
        HGC_CUR=HGA_CUR;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
      END; /* DATES */
    ELSE DO;
      HGC_CUR=HGA_CUR-1;
      IF HGC_CUR>=12 THEN ENROLL_CUR=4;
      ELSE ENROLL_CUR=1;
    END; /* DATES OK */
  END; /* NOTCURAT BUT GRADE */
END; /* HGC_CUR STILL -4 */
ELSE DO; /*ENROLL */
  IF HGCS_CUR=HGA_CUR | HGCS_CUR=GRADE_CUR THEN DO;
    IF (DLEYR_CUR=CURANTYR & DLEMO_CUR>=5) | (INTMO_CUR>=5 &
      CURAT_CUR=1) THEN DO;

```

```

HGC_CUR=HGCS_CUR-1;
IF HGC_CUR>=12 THEN ENROLL_CUR=3;
ELSE ENROLL_CUR=2;
END;
ELSE HGC_CUR=HGCS_CUR;
END;
IF HGCS_CUR=HGA_CUR-1 | HGCS_CUR=GRADE_CUR-1 THEN
    HGC_CUR=HGCS_CUR;
ELSE IF (HGCS_CUR<HGA_CUR & HGA_CUR>0 & HGA_CUR<20) |
    (HGCS_CUR<GRADE_CUR & GRADE_CUR>0 & GRADE_CUR<20) THEN
    HGC_CUR=HGCS_CUR;
IF ENROLL_CUR=-4 & CURAT_CUR=1 & HGC_CUR>=0 THEN DO;
    IF HGC_CUR>=12 THEN ENROLL_CUR=3;
    ELSE ENROLL_CUR=2;
    END;
IF ENROLL_CUR=-4 & CURAT_CUR=0 & HGC_CUR>=0 THEN DO;
    IF HGC_CUR>=12 THEN ENROLL_CUR=4;
    ELSE ENROLL_CUR=1;
    END;
END;
END; /* ASLI = YES */
IF ((HGC_CUR=10 | HGC_CUR=11) & (HAVEDIP_CUR=1 | ATTCOL_CUR=1)) |
    (DIP_CUR=2 & HGC_CUR<12) | (HGC_CUR=-4 & (DIP_CUR=1 | DIP_CUR=3))
THEN DO;
    HGC_CUR=12;
    IF ENROLL_CUR>0 THEN ENROLL_CUR=5-ENROLL_CUR;
    ELSE IF CURAT_CUR=1 | (DLEYR_CUR=LASTYR & DLEMO_CUR>=5)
    THEN ENROLL_CUR=3;
    ELSE ENROLL_CUR=4;
    END;
ELSE IF HGC_CUR<0 & DIP_CUR=-3 THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
IF HGC_CUR>20 THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
IF HGC_CUR>HGC(LASTYR)+3 & HGC(LASTYR)>0 & DIP_CUR^=2 & DIP_CUR^=3 THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
IF HGC_CUR>0 & HGC_CUR<HGC(LASTYR)-1 | (HGC(LASTYR)=12 & HGC_CUR=11)
THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
/* END; LOOP NEW IN 94 OLD AND NEW FILES HAVE ONLY INTERVIEWS */
/* IF THERE IS A NEED TO UNCOMMENT THIS END */
TRU=0;
DO I=79 TO LASTYR BY 1;
    IF DIP(I)>1 THEN TRU =1;END;
    IF TRU = 1 & HGC_CUR<12 THEN HGC_CUR=12;
    IF TRU = 1 & (ENROLL_CUR=1 | ENROLL_CUR<0) THEN ENROLL_CUR=4;
    IF HGC_CUR=-3 & ENROLL_CUR=-4 THEN ENROLL_CUR=-3;
ELSE IF HGC_CUR=-4 & ENROLL_CUR=-4 THEN DO;

```

```

HGC_CUR=-3;
ENROLL_CUR=-3;
END;

/* EACH INSTANCE OF -3 FOR HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS */
/* IS REVIEWED BY CHECKING SELECTED SCHOOL VARIABLES. VALUES OF -3
*/
/* ARE RECODED TO VALID VALUES WHERE AUXILLIARY INFORMATION INDICATES. */
/* HOWEVER, THERE ARE A NUMBER OF -3S COMPUTED FOR HIGHEST GRADE */
/* COMPLETED AND ENROLLMENT STATUS THAT REMAIN. */

/* HGC_94=R(50815.) */
/* ENROLL_94=R(50816.) */

/* CREATION OF HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF 5-1-96 */

HGC_CUR=-4;
ENROLL_CUR=-4;
DO I=2 TO LASTRND;
  IF WEIGHT(I)=0 THEN DO;
    HGCS(I)=-5;
    GRADE(I)=-5;
  END;
END;
/*IN 96 OLD AND NEW FILES HAVE ONLY INTERVIEWS */
/* IF THERE IS A NEED TO UNCOMMENT LOOP BELOW */
/* IF RNICUR=-4 THEN DO; - LOOP NEW */
IF ASLI_CUR=0 & (HAVEDIP_CUR=-4 | HAVEDIP_CUR=0) THEN DO; /* ATT NO */
DO I = LASTRND TO 1 BY -1 WHILE(HGC_CUR = -4); /* SEARCH */
  IF WEIGHT(I) > 0 THEN DO; /* SEA INT YES */
    IF INTMO(I)>=5 & (CURAT(I)=1 | (DLEMO(I)>=5 & DLEYR(I)=INTYR(I))) &
      HGCS(I)>HGC(I) THEN HGC_CUR=HGCS(I);
    ELSE HGC_CUR=HGC(I);
  END; /* SEA INT YES */
END; /* SEARCH */
  IF HGC_CUR>=12 THEN ENROLL_CUR=4;
  ELSE IF HGC_CUR>=0 THEN ENROLL_CUR=1;
END; /* - ATT NO */
  IF ASLI_CUR=1 THEN DO; /*ASLI = YES */
    IF HGCS_CUR <=0 THEN DO; /* HGC_CUR STILL -4 */
      IF CURAT_CUR=1 & GRADE_CUR>=1 THEN DO; /* CURAT AND GRADE */
        HGC_CUR=GRADE_CUR-1;
        IF HGC_CUR>=12 THEN ENROLL_CUR=3;
        ELSE ENROLL_CUR=2;
      END; /* CURAT AND GRADE */
    ELSE IF CURAT_CUR=0 & HGA_CUR>=1 THEN DO; /* NOTCURAT BUT GRADE */
      IF DLEYR_CUR<LASTYR | DLEMO_CUR<5 THEN DO; /* DATES */
        HGC_CUR=HGA_CUR;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
      END; /* DATES */
    ELSE DO;
      HGC_CUR=HGA_CUR-1;
      IF HGC_CUR>=12 THEN ENROLL_CUR=4;
    END;
  END;

```

```

        ELSE ENROLL_CUR=1;
    END;          /* DATES OK */
    END;          /* NOTCURAT BUT GRADE */
    END;          /* HGC_CUR STILL -4 */
ELSE DO;          /*ENROLL */
    IF HGCS_CUR=HGA_CUR | HGCS_CUR=GRADE_CUR THEN DO;
        IF (DLEYR_CUR=CURANTYR & DLEMO_CUR>=5) | (INTMO_CUR>=5 &
            CURAT_CUR=1) THEN DO;
            HGC_CUR=HGCS_CUR-1;
            IF HGC_CUR>=12 THEN ENROLL_CUR=3;
            ELSE ENROLL_CUR=2;
            END;
        ELSE HGC_CUR=HGCS_CUR;
        END;
    IF HGCS_CUR=HGA_CUR-1 | HGCS_CUR=GRADE_CUR-1 THEN
        HGC_CUR=HGCS_CUR;
    ELSE IF (HGCS_CUR<HGA_CUR & HGA_CUR>0 & HGA_CUR<20) |
        (HGCS_CUR<GRADE_CUR & GRADE_CUR>0 & GRADE_CUR<20) THEN
        HGC_CUR=HGCS_CUR;
    IF ENROLL_CUR=-4 & CURAT_CUR=1 & HGC_CUR>=0 THEN DO;
        IF HGC_CUR>=12 THEN ENROLL_CUR=3;
        ELSE ENROLL_CUR=2;
        END;
    IF ENROLL_CUR=-4 & CURAT_CUR=0 & HGC_CUR>=0 THEN DO;
        IF HGC_CUR>=12 THEN ENROLL_CUR=4;
        ELSE ENROLL_CUR=1;
        END;
    END;
END; /* ASLI = YES */
IF ((HGC_CUR=10 | HGC_CUR=11) & (HAVEDIP_CUR=1 | ATTCOL_CUR=1)) |
    (DIP_CUR=2 & HGC_CUR<12) | (HGC_CUR=-4 & (DIP_CUR=1 | DIP_CUR=3))
THEN DO;
    HGC_CUR=12;
    IF ENROLL_CUR>0 THEN ENROLL_CUR=5-ENROLL_CUR;
    ELSE IF CURAT_CUR=1 | (DLEYR_CUR=LASTYR & DLEMO_CUR>=5)
    THEN ENROLL_CUR=3;
    ELSE ENROLL_CUR=4;
    END;
ELSE IF HGC_CUR<0 & DIP_CUR=-3 THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
IF HGC_CUR>20 THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
IF HGC_CUR>HGC(LASTRND)+3 & HGC(LASTRND)>0 & DIP_CUR^=2 & DIP_CUR^=3 THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
IF HGC_CUR>0 & HGC_CUR<HGC(LASTRND)-1 | (HGC(LASTRND)=12 & HGC_CUR=11)
THEN DO;
    HGC_CUR=-3;
    ENROLL_CUR=-3;
    END;
/* END; LOOP NEW IN 96 OLD AND NEW FILES HAVE ONLY INTERVIEWS */

```

```

/* IF THERE IS A NEED TO UNCOMMENT THIS END */
TRU= 0;
DO I=1 TO LASTRND BY 1;
  IF DIP(I)>1 THEN TRU =1;END;
  IF TRU = 1 & HGC_CUR<12 THEN HGC_CUR=12;
  IF TRU = 1 & (ENROLL_CUR=1 | ENROLL_CUR<0) THEN ENROLL_CUR=4;
  IF HGC_CUR=-3 & ENROLL_CUR=-4 THEN ENROLL_CUR=-3;
ELSE IF HGC_CUR=-4 & ENROLL_CUR=-4 THEN DO;
  HGC_CUR=-3;
  ENROLL_CUR=-3;
END;

/* EACH INSTANCE OF -3 FOR HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS */
/* IS REVIEWED BY CHECKING SELECTED SCHOOL VARIABLES. VALUES OF -3 */
*/
/* ARE RECODED TO VALID VALUES WHERE AUXILLIARY INFORMATION INDICATES. */
/* HOWEVER, THERE ARE A NUMBER OF -3S COMPUTED FOR HIGHEST GRADE */
/* COMPLETED AND ENROLLMENT STATUS THAT REMAIN. */

/* HGC_96=R(51668.) */
/* ENROLL_96=R(51669.) */

/*HIGHEST GRADE COMPLETED & ENROLLMENT STATUS AS OF MAY 1, 1998 */

/* THE FOLLOWING CODE IS APPLIED TO THE DATA BEFORE THE PLI PROGRAM */
/* IS EXECUTED. THE PURPOSE OF THE CODE IS TO APPROPRIATELY RECODE */
/* SELECTED 1979 AND 1980 VARIABLES. */
*/
/* IF (R2283 EQ 0 OR R2282 EQ 0) THEN DO dlemo79=R2287 dleyr79=R2288 END */
/* ELSE DO dlemo79=R169 dleyr79=R170 END */
/* IF (R4052 GT 0 AND R2283 NE 0 AND R2282 NE 0) THEN DO */
/* dlemo80=R2287 dleyr80=R2288 END */
/* IF (R2275 EQ 0 OR R2276 EQ 0) THEN GRADE79=R2277 */
/* ELSE GRADE79=R2286 */
/* IF (R2280 GE 0) THEN hgcs79=R2280 */
/* ELSE */
/* COMPUTE hgcs79=R173 */
/* ENDIF */
/* IF (R2276 EQ 0 AND R2286 GT 0) R156=1 */

***** */
***** */

/* CREATE HIGHEST GRADE COMPLETED AND ENROLLMENT STATUS AS OF 5-1-1998 */

COMPUTE HGC_CUR=-4
COMPUTE ENR_CUR=-4
```

```

DO REPEAT HGCS=HGCS2 TO HGCS17
  /GRADE=GRADE2 TO GRADE17
  /WEIGHT=WEIGHT2 TO WEIGHT17
. DO IF (WEIGHT EQ 0)
. COMPUTE HGCS=-5
. COMPUTE GRADE=-5
. END IF
```

END REPEAT PRINT

DO IF (NORCID EQ 146944)

COMPUTE HGCS17=-5

COMPUTE GRADE17=-5

END IF

COMPUTE WGT1B=WEIGHT17

COMPUTE WGT2B=WEIGHT16

COMPUTE WGT3B=WEIGHT15

COMPUTE WGT4B=WEIGHT14

COMPUTE WGT5B=WEIGHT13

COMPUTE WGT6B=WEIGHT12

COMPUTE WGT7B=WEIGHT11

COMPUTE WGT8B=WEIGHT10

COMPUTE WGT9B=WEIGHT9

COMPUTE WGT10B=WEIGHT8

COMPUTE WGT11B=WEIGHT7

COMPUTE WGT12B=WEIGHT6

COMPUTE WGT13B=WEIGHT5

COMPUTE WGT14B=WEIGHT4

COMPUTE WGT15B=WEIGHT3

COMPUTE WGT16B=WEIGHT2

COMPUTE WGT17B=WEIGHT1

COMPUTE INTMO1B=INTMO17

COMPUTE INTMO2B=INTMO16

COMPUTE INTMO3B=INTMO15

COMPUTE INTMO4B=INTMO14

COMPUTE INTMO5B=INTMO13

COMPUTE INTMO6B=INTMO12

COMPUTE INTMO7B=INTMO11

COMPUTE INTMO8B=INTMO10

COMPUTE INTMO9B=INTMO9

COMPUTE INTMO10B=INTMO8

COMPUTE INTMO11B=INTMO7

COMPUTE INTMO12B=INTMO6

COMPUTE INTMO13B=INTMO5

COMPUTE INTMO14B=INTMO4

COMPUTE INTMO15B=INTMO3

COMPUTE INTMO16B=INTMO2

COMPUTE INTMO17B=INTMO1

COMPUTE INTYR1B=INTYR17

COMPUTE INTYR2B=INTYR16

COMPUTE INTYR3B=INTYR15

COMPUTE INTYR4B=INTYR14

COMPUTE INTYR5B=INTYR13

COMPUTE INTYR6B=INTYR12

COMPUTE INTYR7B=INTYR11

COMPUTE INTYR8B=INTYR10

COMPUTE INTYR9B=INTYR9

COMPUTE INTYR10B=INTYR8

COMPUTE INTYR11B=INTYR7

COMPUTE INTYR12B=INTYR6

COMPUTE INTYR13B=INTYR5

COMPUTE INTYR14B=INTYR4
COMPUTE INTYR15B=INTYR3
COMPUTE INTYR16B=INTYR2
COMPUTE INTYR17B=INTYR1

COMPUTE CURAT1B=CURAT17
COMPUTE CURAT2B=CURAT16
COMPUTE CURAT3B=CURAT15
COMPUTE CURAT4B=CURAT14
COMPUTE CURAT5B=CURAT13
COMPUTE CURAT6B=CURAT12
COMPUTE CURAT7B=CURAT11
COMPUTE CURAT8B=CURAT10
COMPUTE CURAT9B=CURAT9
COMPUTE CURAT10B=CURAT8
COMPUTE CURAT11B=CURAT7
COMPUTE CURAT12B=CURAT6
COMPUTE CURAT13B=CURAT5
COMPUTE CURAT14B=CURAT4
COMPUTE CURAT15B=CURAT3
COMPUTE CURAT16B=CURAT2
COMPUTE CURAT17B=CURAT1

COMPUTE DLEMO1B=DLEMO17
COMPUTE DLEMO2B=DLEMO16
COMPUTE DLEMO3B=DLEMO15
COMPUTE DLEMO4B=DLEMO14
COMPUTE DLEMO5B=DLEMO13
COMPUTE DLEMO6B=DLEMO12
COMPUTE DLEMO7B=DLEMO11
COMPUTE DLEMO8B=DLEMO10
COMPUTE DLEMO9B=DLEMO9
COMPUTE DLEMO10B=DLEMO8
COMPUTE DLEMO11B=DLEMO7
COMPUTE DLEMO12B=DLEMO6
COMPUTE DLEMO13B=DLEMO5
COMPUTE DLEMO14B=DLEMO4
COMPUTE DLEMO15B=DLEMO3
COMPUTE DLEMO16B=DLEMO2
COMPUTE DLEMO17B=DLEMO1

COMPUTE DLEYR1B=DLEYR17
COMPUTE DLEYR2B=DLEYR16
COMPUTE DLEYR3B=DLEYR15
COMPUTE DLEYR4B=DLEYR14
COMPUTE DLEYR5B=DLEYR13
COMPUTE DLEYR6B=DLEYR12
COMPUTE DLEYR7B=DLEYR11
COMPUTE DLEYR8B=DLEYR10
COMPUTE DLEYR9B=DLEYR9
COMPUTE DLEYR10B=DLEYR8
COMPUTE DLEYR11B=DLEYR7
COMPUTE DLEYR12B=DLEYR6
COMPUTE DLEYR13B=DLEYR5
COMPUTE DLEYR14B=DLEYR4
COMPUTE DLEYR15B=DLEYR3

```
COMPUTE DLEYR16B=DLEYR2
COMPUTE DLEYR17B=DLEYR1
```

```
COMPUTE HGCS1B=HGCS17
COMPUTE HGCS2B=HGCS16
COMPUTE HGCS3B=HGCS15
COMPUTE HGCS4B=HGCS14
COMPUTE HGCS5B=HGCS13
COMPUTE HGCS6B=HGCS12
COMPUTE HGCS7B=HGCS11
COMPUTE HGCS8B=HGCS10
COMPUTE HGCS9B=HGCS9
COMPUTE HGCS10B=HGCS8
COMPUTE HGCS11B=HGCS7
COMPUTE HGCS12B=HGCS6
COMPUTE HGCS13B=HGCS5
COMPUTE HGCS14B=HGCS4
COMPUTE HGCS15B=HGCS3
COMPUTE HGCS16B=HGCS2
COMPUTE HGCS17B=HGCS1
```

```
COMPUTE HGC1B=HGC17
COMPUTE HGC2B=HGC16
COMPUTE HGC3B=HGC15
COMPUTE HGC4B=HGC14
COMPUTE HGC5B=HGC13
COMPUTE HGC6B=HGC12
COMPUTE HGC7B=HGC11
COMPUTE HGC8B=HGC10
COMPUTE HGC9B=HGC9
COMPUTE HGC10B=HGC8
COMPUTE HGC11B=HGC7
COMPUTE HGC12B=HGC6
COMPUTE HGC13B=HGC5
COMPUTE HGC14B=HGC4
COMPUTE HGC15B=HGC3
COMPUTE HGC16B=HGC2
COMPUTE HGC17B=HGC1
```

```
DO REPEAT WEIGHT=WGT1B TO WGT17B /* ASLI EQ NO */
  /INTMO=INTMO1B TO INTMO17B
  /CURAT=CURAT1B TO CURAT17B
  /DLEMO=DLEMO1B TO DLEMO17B
  /DLEYR=DLEYR1B TO DLEYR17B
  /INTYR=INTYR1B TO INTYR17B
  /HGCS=HGCS1B TO HGCS17B
  /HGC=HGC1B TO HGC17B
  . LOOP IF (ASLI_CUR EQ 0 AND (HVDIP_C EQ -4 OR HVDIP_C EQ 0) AND FLAG98 EQ 1)
  . DO IF (HGC_CUR EQ -4 AND WEIGHT GT 0 AND INTMO GE 5 AND
    (CURAT EQ 1 OR (DLEMO GE 5 AND DLEYR EQ INTYR)) AND HGCS GT HGC)
  . COMPUTE HGC_CUR=HGCS
  . ELSE IF (HGC_CUR EQ -4 AND WEIGHT GT 0)
  . COMPUTE HGC_CUR=HGC
  . END IF
  . END LOOP IF (WEIGHT GT 0 AND HGC_CUR NE -4 AND FLAG98 EQ 0)
END REPEAT PRINT
```

```
DO IF (HGC_CUR GE 12)
COMPUTE ENR_CUR=4
ELSE IF (HGC_CUR GE 0)
COMPUTE ENR_CUR=1
END IF

FREQUENCIES VARIABLES=HGC_CUR ENR_CUR /FORMAT=ONEPAGE

/* TEMPORARY
/* SELECT IF (HGC_CUR GT 0 AND PUBID LE 200)
/* LIST VARIABLES=ALL

DO IF (ASLI_CUR EQ 1 AND FLAG98 EQ 1 AND HGCS_CUR LE 0) /*ASLI EQ YES */
    /* HGC_CUR STILL -4 */
    . DO IF (CURAT_C EQ 1 AND GRADE_C GE 1) /* CURAT AND GRADE */
    . COMPUTE HGC_CUR=(GRADE_C - 1)
        . DO IF (HGC_CUR GE 12)
            COMPUTE ENR_CUR=3
        . ELSE
            COMPUTE ENR_CUR=2
        . END IF
        . ELSE IF (CURAT_C EQ 0 AND HGA_CUR GE 1) /* NOT CURAT BUT GRADE */
            DO IF (DLEYR_C LT LASTYR OR DLEMO_C LT 5) /* DATES */
                COMPUTE HGC_CUR=HGA_CUR
                DO IF (HGC_CUR GE 12)
                    COMPUTE ENR_CUR=4
                . ELSE
                    COMPUTE ENR_CUR=1
                . END IF
                END IF /* DATES */
            . ELSE
                COMPUTE HGC_CUR=(HGA_CUR - 1)
                DO IF (HGC_CUR GE 12)
                    COMPUTE ENR_CUR=4
                . ELSE
                    COMPUTE ENR_CUR=1
                . END IF /* DATES OK */
            . END IF /* NOTCURAT BUT GRADE */ /* HGC_CUR STILL -4 */
        ELSE IF (ASLI_CUR EQ 1 AND FLAG98 EQ 1 AND
            (HGCS_CUR EQ HGA_CUR OR HGCS_CUR EQ GRADE_C)) /* ENROLL */
            DO IF ((DLEYR_C EQ CURANTYR AND DLEMO_C GE 5) OR (INTMO_C GE 5 AND
                CURAT_C EQ 1))
                COMPUTE HGC_CUR=(HGCS_CUR - 1)
                DO IF (HGC_CUR GE 12)
                    COMPUTE ENR_CUR=3
                . ELSE
                    COMPUTE ENR_CUR=2
                . END IF
            . ELSE
                COMPUTE HGC_CUR=HGCS_CUR
                DO IF (HGC_CUR GE 12)
                    COMPUTE ENR_CUR=4
                . ELSE
                    COMPUTE ENR_CUR=1
                . END IF
            . END IF
```

```

ELSE IF (ASLI_CUR EQ 1 AND FLAG98 EQ 1 AND
        (HGCS_CUR EQ (HGA_CUR-1) OR HGCS_CUR EQ (GRADE_C-1)))
COMPUTE HGC_CUR=HGCS_CUR
. DO IF (ENR_CUR EQ -4 AND CURAT_C EQ 1 AND HGC_CUR GE 0)
. DO IF (HGC_CUR GE 12)
. COMPUTE ENR_CUR=3
. ELSE
. COMPUTE ENR_CUR=2
. END IF
. ELSE IF (ENR_CUR EQ -4 AND CURAT_C EQ 0 AND HGC_CUR GE 0)
. DO IF (HGC_CUR GE 12)
. COMPUTE ENR_CUR=4
. ELSE
. COMPUTE ENR_CUR=1
. END IF
. END IF
ELSE IF (ASLI_CUR EQ 1 AND FLAG98 EQ 1 AND
        ((HGCS_CUR LT HGA_CUR AND HGA_CUR GT 0 AND HGA_CUR LT 20) OR
         (HGCS_CUR LT GRADE_C AND GRADE_C GT 0 AND GRADE_C LT 20)))
COMPUTE HGC_CUR=HGCS_CUR
. DO IF (ENR_CUR EQ -4 AND CURAT_C EQ 1 AND HGC_CUR GE 0)
. DO IF (HGC_CUR GE 12)
. COMPUTE ENR_CUR=3
. ELSE
. COMPUTE ENR_CUR=2
. END IF
. ELSE IF (ENR_CUR EQ -4 AND CURAT_C EQ 0 AND HGC_CUR GE 0)
. DO IF (HGC_CUR GE 12)
. COMPUTE ENR_CUR=4
. ELSE
. COMPUTE ENR_CUR=1
. END IF
. END IF
END IF /* ASLI EQ YES */

```

FREQUENCIES VARIABLES=HGC_CUR ENR_CUR /FORMAT=ONEPAGE

```

/* TEMPORARY
/* SELECT IF ANY(PUBID,8,14,91,121,141,178,298,466,522,556,558,577,712,715,721,
/*    746,753,764,768,823,874,909)
/* LIST VARIABLES=ALL

```

```

DO IF (((HGC_CUR EQ 10 OR HGC_CUR EQ 11) AND (HVDIP_C EQ 1 OR ATTCOL_C EQ 1)) OR
      (DIP_CUR EQ 2 AND HGC_CUR LT 12) OR
      (HGC_CUR EQ -4 AND (DIP_CUR EQ 1 OR DIP_CUR EQ 3)))
COMPUTE HGC_CUR=12
. DO IF (ENR_CUR GT 0)
. COMPUTE ENR_CUR=(5-ENR_CUR)
. ELSE IF (CURAT_C EQ 1 OR (DLEYR_C EQ LASTYR AND DLEMO_C GE 5))
. COMPUTE ENR_CUR=3
. ELSE
. COMPUTE ENR_CUR=4
. END IF
ELSE IF (HGC_CUR LT 0 AND DIP_CUR EQ -3)
COMPUTE HGC_CUR=-3
COMPUTE ENR_CUR=-3

```

END IF

FREQUENCIES VARIABLES=HGC_CUR ENR_CUR /FORMAT=ONEPAGE

```
/* TEMPORARY
/* SELECT IF ANY(PUBID,8,14,91,121,141,178,298,466,522,556,558,577,712,715,721,
/*    746,753,764,768,823,874,909)
/* LIST VARIABLES=ALL
```

```
DO IF (HGC_CUR GT 20)
COMPUTE HGC_CUR=-3
COMPUTE ENR_CUR=-3
END IF
```

FREQUENCIES VARIABLES=HGC_CUR ENR_CUR /FORMAT=ONEPAGE

```
/* TEMPORARY
/* SELECT IF ANY(PUBID,8,14,91,121,141,178,298,466,522,556,558,577,712,715,721,
/*    746,753,764,768,823,874,909)
/* LIST VARIABLES=ALL
```

```
DO IF (HGC_CUR GT (HGC_DLI + 3) AND HGC_DLI GT 0 AND DIP_CUR NE 2 AND DIP_CUR NE 3)
COMPUTE HGC_CUR=-3
COMPUTE ENR_CUR=-3
END IF
```

FREQUENCIES VARIABLES=HGC_CUR ENR_CUR /FORMAT=ONEPAGE

```
/* TEMPORARY
/* SELECT IF ANY(PUBID,8,14,91,121,141,178,298,466,522,556,558,577,712,715,721,
/*    746,753,764,768,823,874,909)
/* LIST VARIABLES=ALL
```

```
DO IF ((HGC_CUR GT 0 AND HGC_CUR LT (HGC_DLI - 1)) OR
      (HGC_DLI EQ 12 AND HGC_CUR EQ 11))
COMPUTE HGC_CUR=-3
COMPUTE ENR_CUR=-3
END IF
```

```
/* END LOOP NEW IN 96 OLD AND NEW FILES HAVE ONLY INTERVIEWS */
/*   IF THERE IS A NEED TO UNCOMMENT THIS END */
```

COMPUTE TRU=0

```
DO REPEAT DIP=DIP1 TO DIP17
IF (DIP GT 1) TRU=1
IF (TRU EQ 1 AND HGC_CUR LT 12) HGC_CUR=12
IF (TRU EQ 1 AND (ENR_CUR EQ 1 OR ENR_CUR LT 0)) ENR_CUR=4
IF (HGC_CUR EQ -3 AND ENR_CUR EQ -4) ENR_CUR=-3
END REPEAT
```

```
DO IF (FLAG98 EQ 0)
COMPUTE HGC_CUR=-5
```

```
COMPUTE ENR_CUR=-5  
END IF
```

```
DO IF (HGC_CUR EQ -4 AND FLAG98 EQ 1)  
COMPUTE HGC_CUR=-3  
END IF
```

```
DO IF (ENR_CUR EQ -4 AND FLAG98 EQ 1)  
COMPUTE ENR_CUR=-3  
END IF
```

```
/* EACH INSTANCE OF -3 FOR HIGHEST GRADE COMPLETED AND ENROLLMENT */  
/* STATUS IS REVIEWED BY CHECKING SELECTED SCHOOL VARIABLES. VALUES OF -3 */  
/* ARE RECODED TO VALID VALUES WHERE AUXILLIARY INFORMATION INDICATES.*/  
/* HOWEVER, THERE ARE A NUMBER OF -3S COMPUTED FOR HIGHEST GRADE */  
/* COMPLETED AND ENROLLMENT STATUS THAT REMAIN. */
```

